



Docket No. 27840-1

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: Grube et al.

Application No.: 09/746,716

Filing Date: December 22, 2000

For: Composite Microelectronic Spring Structure
And Method For Making Same

Examiner: Unknown

Group Art Unit: 2833

INFORMATION DISCLOSURE STATEMENT (IDS)

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Listed on an attached Form PTO/SB/08A is information known to applicant(s). The Examiner is requested to initial and return the attached Form PTO/SB/08A in accordance with MPEP §609. This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56.

☒ This statement qualifies under 37 C.F.R. §1.97, subsection (b) because (check all that apply):

- ☐ (1) It is being filed within 3 months of the application filing date (other than the filing date of a continued prosecution application under §1.53(d))
-- OR --
- ☐ (2) It is being filed within 3 months of entry of a national stage
-- OR --
- ☒ (3) It is being filed before the mail date of the first Office Action on the merits
-- OR --
- ☐ (4) It is being filed before the mail date of the first Office Action after the filing of a request for continued examination under §1.114.

- ☐ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; (3) the mailing date of a first Office action on the merits, or (4) the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, but before the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, then:
- ☐ a statement as specified in §1.97(e) is provided below; **or**
- ☐ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113, a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, but before payment of the issue fee, then:
- A. a statement as specified in §1.97(e) is provided below; **and**
- B. a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☒ **Fee Authorization.** Although Applicants believe that no fee is due in connection with the filing of this IDS, the Director is hereby authorized to charge any fees due, or credit any overpayment associated, with this IDS to Deposit Account No. 50-0285 (Order No. P130-US).

Date: September 12, 2002

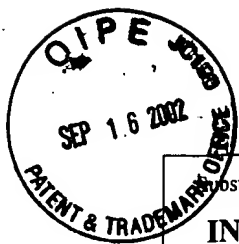
Respectfully submitted,

By: N. Kenneth Burraston

N. Kenneth Burraston
Reg. No. 39,923

FormFactor, Inc.
Legal Department
2140 Research Drive
Livermore, CA 94550
Telephone: (925) 456-3915

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Modified Form PTO/SB/08A

Institute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/746,716
				Filing Date	December 22, 2000
				First Named Inventor	Grube et al.
				Group Art Unit	2833
				Examiner Name	Not known
Sheet	1	of	2	Attorney Docket No.	276440-11

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant	Publication Date	Relevant Portions
		Number	Kind Code ²			
	1	4893172		Matsumoto et al.	1/9/1990	
	2	5286208		Matsuoka	2/15/1994	
	3	5518964		DiStefano et al.	5/21/1996	
	4	5666190		Quate et al.	9/9/1997	
	5	5723894		Ueno et al.	3/3/1998	
	6	5790377		Schreiber et al.	8/4/1998	
	7	5811982		Beaman et al.	9/22/1998	
	8	5829128		Eldridge et al.	11/3/1998	
	9	5917707		Khandros et al.	6/29/1999	
	10	6013571		Morrell	1/11/2000	
	11	6014032		Maddix et al.	1/11/2000	
	12	6016061		Mizuta	1/18/2000	
	13	6031282		Jones et al.	2/29/2000	
	14	6059982		Palagonia et al.	5/9/2000	
	15	6072190		Watanabe et al.	6/6/2000	
	16	6142789		Nolan et al.	11/7/2000	
	17	6184576	B1	Jones et al.	2/6/2001	
	18	6214631	B1	Burrows et al.	4/10/2001	
	19	6229100	B1	Fjelstad	5/8/2001	
	20	6289583	B1	Belmont et al.	9/18/2001	
	21	6307392	B1	Soejima et al.	10/23/2001	
	22	6344752	B1	Hagihara et al.	2/5/2002	

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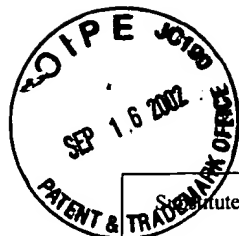
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Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Modified Form PTO/SB/08A

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				<i>Complete If Known</i>	
				Application Number	09/746,716
				Filing Date	December 22, 2000
				First Named Inventor	Grube et al.
				Group Art Unit	2833
				Examiner Name	Not known
Sheet	2	of	2	Attorney Docket No.	276440-11

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant	Publication Date	Relevant Portions	T ⁶
		Office ³	Number ⁴	Kind Code ⁵				
	23	JP	2-034949		Bessho et al.	2/5/1990		x
	24	JP	4-214650		Kawahara	8/5/1992		x
	25	JP	4-240570		Inoue	8/27/1992		x
	26	JP	5-198716		Osawa	8/6/1993		x
	27	JP	6-267408		Tokokoro et al.	9/22/1994		x
	28	JP	64-047090		Fujimoto	2/21/1989		x
	29	JP	7-021968		Watanabe et al.	1/24/1995		x
	30	JP	7-33232		Yagi et al.	12/2/1995		x
	31	JP	8-021841		Ikedo et al.	1/23/1996		x
	32	JP	9-127139		Ueda et al.	5/16/1997		x
	33	WO	00/28625		Eldridge et al.	5/18/2000		
	34	WO	00/33089		Mathieu et al.	6/8/2000		
	35	WO	97/43653		Khandros et al.	11/20/1997		
	36	WO	98/11445		Beaman et al.	3/19/1998		
	37	WO	98/52224		Pedersen et al.	11/19/1998		

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication

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PATENT
276440-11

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Filing Date: December 22, 2000
For: Composite Microelectronic Spring Structure
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Examiner: Unknown
Group Art Unit: 2833

NOTICE OF RELATED PATENTS AND APPLICATIONS

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants wish to draw the Examiner's attention to the following commonly owned applications and patents (and the art cited therein), whose subject matter may be deemed related to the subject matter of the above-identified application.

US pat. appl. serial no.: 09/834,074 (P134-US) filed April 12, 2001

Respectfully submitted,

Date: September 12, 2002

By: N. Kenneth Burraston

N. Kenneth Burraston
Reg. No. 39,923

FormFactor, Inc.
Legal Department
2140 Research Dr.
Livermore, CA 94550
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